APPLICATION DATA SHEET

Electronic Version v14 Stylesheet Version v14.0

Title of Invention

[UNDER-BALL-METALLURGY LAYER]

Application Type: regular, utility
Attorney Docket Number: 9722-US-PA

Correspondence address:

Customer Number: 31561



Priority Data:

Doc.No: 91125098; Country -TW; Date: 2002-10-25 us-priority-claimed

Inventors Information:

Inventor 1:

Applicant Authority Type: Inventor
Citizenship: US
Name prefix: Mr.

Given Name: William Tze-You

Family Name:

Chen

Residence:

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State of Residence: NY
Country of Residence: US

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State of Mailing Address: NY

Postal Code of Mailing Address:

Country of Mailing Address: US

Phone: Fax: E-mail:

Inventor 2:

Citizenship: TW Name prefix: Mr. Given Name: Ho-Ming Family Name: Tong Residence: City of Residence: Taipei Country of Residence: TW Address-1 of Mailing Address: City of Mailing Address: Taipei State of Mailing Address: TW Phone: Fax: E-mail: Inventor 3: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr. Address-2 of Mailing Address: Country of Residence: City of Residence: TW No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Tw Fax: E-mail: Tso-Ying District Kaohsiung Country of Residence: Tw Address-2 of Mailing Address: Too-Ying District Kaohsiung City of Residence: Tw Address-2 of Mailing Address: Tso-Ying District Kaohsiung City of Mailing Address: Tw Phone: Fax: E-mail: Tw Inventor 4: Applicant Authority Type: Inventor Citizenship: Tw Inventor 4: Address-1 of Mailing Address: Tw Phone: Fax: E-mail: Tw Inventor 4: Applicant Authority Type: Inventor Citizenship: Tw Mr. Given Name: Mr. Given Name: Mr. Given Name: Su	Applicant Authority Type:	Inventor
Given Name: Ho-Ming Family Name: Tong Residence: Tipei Country of Residence: TW Address-1 of Mailing Address: 2F, No. 21, Alley 4, Lane 43, Tien-mu E Rd., Address-2 of Mailing Address: Taipei State of Mailing Address: TW Phone: Fax: E-mail: Inventor 3: Applicant Authority Type: Inventor City of Residence: Kaohsiung Address-2 of Mailing Address: TW Address-1 of Mailing Address: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: Kaohsiung Country of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hslang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Tw Phone: Tso-Ying District City of Residence: Kaohsiung State of Mailing Address: Tw Address-1 Code of Mailing Address: Tw Phone: Fax: E-mail: Inventor Fax: Fax: Fax: Fax: Fax: Fax: Fax: Fax:		
Family Name: Residence: City of Residence: Taipei Country of Residence: TW Address-1 of Mailing Address: City of Mailing Address: City of Mailing Address: City of Mailing Address: Country of Mailing Address: Fax: E-mail: Inventor 3: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: City of Residence: Country of Residence: Address-1 of Mailing Address: City of Mailing Address: City of Mailing Address: City of Mailing Address: City of Mailing Address: Country of Mailing Ad	Name prefix:	Mr.
Residence: City of Residence: Taipei Country of Residence: TW Address-2 of Mailing Address: City of Mailing Address: Country of Mailing Address: Fax: E-mail: Inventor 3: Applicant Authority Type: Citizenship: TW Mr. Given Name: Chun-Chi Family Name: Residence: City of Residence: City of Residence: City of Residence: TW Address-2 of Mailing Address: Address-2 of Mailing Address: Country of Mailing Address: City of Mailing Address: City of Mailing Address: Country of Mailing Address: Country of Mailing Address: City of Mailing Address: City of Mailing Address: City of Mailing Address: Country of Mailing Address: City of Ma	Given Name:	Ho-Ming
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Country of Residence: TW Address-1 of Mailing Address: 2F, No. 21, Alley 4, Lane 43, Tien-mu E Rd., Address-2 of Mailing Address: Taipei State of Mailing Address: Tootal Code of Mailing Address: Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 3:	Residence:	
Address-1 of Mailing Address: Address-2 of Mailing Address: City of Mailing Address: State of Mailing Address: Postal Code of Mailing Address: Country of Mailing Address: Fax: E-mail: Inventor 3: Applicant Authority Type: City of Residence: City of Residence: City of Residence: Address-2 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Country of Mailing Address: Tw Address-2 of Mailing Address: Country of Mailing Address: Country of Mailing Address: Country of Residence: City of Mailing Address: City of Mailing Address: Country of Ma	City of Residence:	Taipei
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State of Mailing Address: Postal Code of Mailing Address: Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 3: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: Tso-Ying District City of Mailing Address: Tw Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Address-2 of Mailing Address:	
Postal Code of Mailing Address: Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 3: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: Kaohsiung Country of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: Tw Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	City of Mailing Address:	Taipei
Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 3: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: Kaohsiung Country of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: Tw Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	State of Mailing Address:	
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Fax: E-mail: Inventor 3: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: Tw Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Country of Mailing Address:	TW
E-mail: Inventor 3:	Phone:	
Inventor 3: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung City of Mailing Address: Kaohsiung State of Mailing Address: Tso-Ying District City of Mailing Address: Tw Address-2 of Mailing Address: Tso-Ying District City of Mailing Address: Tw Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Fax:	
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Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung City of Mailing Address: Kaohsiung State of Mailing Address: Tso-Ying District City of Mailing Address: Kaohsiung State of Mailing Address: Tw Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.		
Citizenship: TW Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: Tso-Ying District City of Mailing Address: Kaohsiung State of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Inventor 3:	
Name prefix: Mr. Given Name: Chun-Chi Family Name: Lee Residence: Kaohsiung Country of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: Tso-Ying District City of Mailing Address: Kaohsiung State of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Applicant Authority Type:	Inventor
Given Name: Chun-Chi Family Name: Lee Residence: City of Residence: Kaohsiung Country of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung City of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Citizenship:	TW
Family Name: Residence: City of Residence: City of Residence: Country of Residence: TW Address-1 of Mailing Address: Address-2 of Mailing Address: City of Mailing Address: City of Mailing Address: Kaohsiung State of Mailing Address: Postal Code of Mailing Address: Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Citizenship: TW Name prefix: Mr.	Name prefix:	Mr.
Residence: City of Residence: City of Residence: Country of Residence: TW Address-1 of Mailing Address: Address-2 of Mailing Address: City of Mailing Address: City of Mailing Address: State of Mailing Address: Country of Mailing Address: Country of Mailing Address: Tw Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Citizenship: TW Name prefix: Kaohsiung Tso-Ying District Kaohsiung Tso-Ying District Tw Tw Inventor 4: Inventor 4: Inventor Citizenship: TW Name prefix: Mr.	Given Name:	Chun-Chi
City of Residence: Kaohsiung Country of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: TW Postal Code of Mailing Address: TW Phone: Tax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Family Name:	Lee
Country of Residence: TW Address-1 of Mailing Address: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Address-2 of Mailing Address: Kaohsiung State of Mailing Address: Kaohsiung State of Mailing Address: TW Postal Code of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Residence:	
Address-1 of Mailing Address: Address-2 of Mailing Address: City of Mailing Address: State of Mailing Address: Postal Code of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Citizenship: No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd., Tso-Ying District Kaohsiung TW TW Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	City of Residence:	Kaohsiung
Address-2 of Mailing Address: Tso-Ying District City of Mailing Address: Kaohsiung State of Mailing Address: Postal Code of Mailing Address: Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Country of Residence:	TW
City of Mailing Address: Kaohsiung State of Mailing Address: Postal Code of Mailing Address: Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Address-1 of Mailing Address:	No. 31, Alley 12, Lane 61, Tien-Hsiang II Rd.,
State of Mailing Address: Postal Code of Mailing Address: Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Address-2 of Mailing Address:	Tso-Ying District
Postal Code of Mailing Address: Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	City of Mailing Address:	Kaohsiung
Country of Mailing Address: TW Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	State of Mailing Address:	
Phone: Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Postal Code of Mailing Address:	
Fax: E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Country of Mailing Address:	TW
E-mail: Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Phone:	
Inventor 4: Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	Fax:	
Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.	E-mail:	
Applicant Authority Type: Inventor Citizenship: TW Name prefix: Mr.		
Citizenship: TW Name prefix: Mr.	Inventor 4:	
Name prefix: Mr.	Applicant Authority Type:	Inventor
·	Citizenship:	TW
Given Name: Su	Name prefix:	Mr.
	Given Name:	Su

Family Name:	Tao
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City of Mailing Address:	Kaohsiung
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Postal Code of Mailing Address:	
Country of Mailing Address:	TW
Phone:	
Fax:	
E-mail:	
Inventor 5:	
Applicant Authority Type:	Inventor
Citizenship:	TW
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Family Name:	Wu
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Country of Residence:	TW
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Address-2 of Mailing Address:	
City of Mailing Address:	Kaohsiung Hsien
State of Mailing Address:	
Postal Code of Mailing Address:	
Country of Mailing Address:	TW
Phone:	
Fax:	
E-mail:	
Inventor 6:	
Applicant Authority Type:	Inventor
Citizenship:	TW
Name prefix:	Mr.
Given Name:	Chih-Huang
Family Name:	Chang
Residence:	
City of Residence:	Tainan Hsien
Country of Residence:	TW

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City of Mailing Address:	Tainan Hsien
State of Mailing Address:	
Postal Code of Mailing Address:	
Country of Mailing Address:	TW
Phone:	
Fax:	
E-mail:	
Inventor 7:	
Applicant Authority Type:	Inventor
Citizenship:	TW
Name prefix:	Mr.
Given Name:	Po-Jen
Family Name:	Cheng
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Country of Residence:	TW
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Address-2 of Mailing Address:	
City of Mailing Address:	Kaohsiung
State of Mailing Address:	
Postal Code of Mailing Address:	
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Phone:	
Fax:	
E-mail:	
Attorney Information:	

practitioner(s) at Customer Number:

31561

as our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.